



Sughrue

SUGHRUE MION, PLLC

1010 El Camino Real
Menlo Park, CA 94025-4345
T 650.325.5800
F 650.325.6606

www.sughrue.com

July 16, 2003

MAIL STOP PATENT APPLICATION

Express Mail No. EU782142571US

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450



Re: Application of Ke HAN
OPTIMAL ONE-SHOT PHASE AND FREQUENCY ESTIMATION FOR
TIMING ACQUISITION
Assignee: MARVELL INTERNATIONAL LTD.
Attorney Docket No. MP0246

Dear Sir:

Attached hereto is the application identified above comprising 24 sheets of the specification, including the claims and abstract, 6 sheet(s) of drawings, executed Assignment and PTO 1595 form, and executed Declaration and Power of Attorney. Also enclosed is a Non-Publication Request, an Application Data Sheet, and an Information Disclosure Statement and PTO/SB/08 A & B (modified).

The Government filing fee is calculated as follows:

Total claims	84	-	20	=	64	x	\$18.00	=	\$1152.00
Independent claims	6	-	3	=	3	x	\$84.00	=	\$252.00
Base Fee									\$750.00

TOTAL FILING FEE	\$2154.00
Recordation of Assignments	\$80.00
TOTAL FEE	\$2234.00

Submissions of Credit Card Payment are attached for the statutory filing fee of \$2154.00 and the two Assignment recordation fees of \$40.00 each. The USPTO is directed and authorized to charge any other required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
U.S. Provisional	60/428,507	11/22/2002
U.S. Provisional	60/434,584	12/17/2002



Sughrue

SUGHRUE MION, PLLC

Commissioner for Patents

July 16, 2003

Page 2

Send correspondence to:

Eric B. Janofsky
General Patent Counsel
Marvell Semiconductor, Inc.
700 First Avenue, Mail Stop 509
Sunnyvale, CA 94089
Tel: (408) 222-2500
Fax: (408) 752-9034
e-mail: janofsky@marvell.com

Respectfully submitted,
SUGHRUE MION, PLLC

By: Craig Schmeider 51,007
Frank L. Bernstein
Registration No. 31,484 for

SUGHRUE MION, PLLC
1010 El Camino Real, Suite 300
Menlo Park, CA 94025

Tel: (650) 325-5800
Fax: (650) 325-6606



23624

PATENT TRADEMARK OFFICE

PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: MP0246

Ke HAN

Filed: July 16, 2003

For: OPTIMAL ONE-SHOT PHASE AND FREQUENCY ESTIMATION FOR TIMING
ACQUISITION

"EXPRESS MAIL" CERTIFICATE OF MAILING

I hereby certify that this paper and the attachments hereto are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Express Mail Certificate Number: EU782142571US

EU 782142571 US

Date: July 16, 2003

Signed: *Thea K. Wagner*
Thea K. Wagner

Enclosures

1. Return Postcard
2. Application Transmittal Letter (original and 1 copy) and Credit Card Authorization
3. Application, including the specification (pages 1-10), claims (Claim Nos. 1-84, pages 11-23), and the Abstract (1 page); Drawings (6 sheets); Declaration
4. Application Data Sheet
5. Request for Non-Publication
6. Preliminary Amendment
7. Information Disclosure Statement (with references and PTO/SB/08 A & B (modified))
8. Executed Assignment from Ke Han to Marvell Semiconductor, Inc. with PTO Form 1595 and Credit Card Authorization
9. Executed Assignment from Marvell Semiconductor, Inc. to Marvell International Ltd. with PTO Form 1595 and Credit Card Authorization

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor		Ke HAN
	Title	OPTIMAL ONE-SHOT PHASE AND FREQUENCY ESTIMATION FOR TIMING ACQUISITION	
	Atty Docket Number		MP0246

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

7/16/03
Date

Frank L Bernstein
Signature

Frank L. Bernstein
Typed or printed name

This request must be signed in compliance with 37 C.F.R. 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 C.F.R. 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 C.F.R. 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: MAIL STOP PGPUB, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**